

NEWS LETTER

Announcement of temperature range extension for JCSS calibration test

This is to inform that we will extend JCSS calibration range to 2800°C.

According to temperature range extension, we will reorganize test contents.

Details of JCSS calibration

a) Radiation thermometer, 1.6μm, single color

New calibration test JCS-10C

Calibration for	Code	Test points	Uncertainty
Radiation thermometer 1.6μm, single color	JCS-10C	Fixed point calibration: Freezing point of Zinc, Aluminum, Silver and Copper	0.4°C

b) Temperature range extension and repricing of calibration test

Calibration for	Code	Test points	Uncertainty
Radiation thermometer 0.65μm, single color	JCS-15	Freezing point of Copper + Change 1500°C, 2000°C 2400°C, 2800°C (5 points)	0.4°C 3 to 6°C *1
Radiation thermometer Si Element *2	JCS-12	Comparison calibration: 400°C to Change 1450°C *3	2 to 3°C *1
Target size (Measuring distance 1m) 1050°C or less: φ30mm or smaller More than 1050°C: φ30mm or smaller			
Radiation thermometer Si Element *2 *4	JCS-13	Comparison calibration: Change More than 1450°C 2800°C or less *3	3 to 7°C *1
Target size (Measuring distance 1m) φ20mm or smaller			

*1: Uncertainty is different by calibration point.

*2: Exception for fiber type.

*3: Calibration point is option.

*4: Please ask us for applicable model when calibration temperature is more than 2000°C.

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